

MAST Proton Detector: Foil

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Goal: Investigate which foil material and thickness to use for detector.

Description
Review materials for SRIM (get material from Ramona)
Review materials for stopping power (get material from Ramona)
Learn how to run SRIM calculation to produce output
Create outputs for:
a) Aluminum foil b) Beryllium foil
Graph outputs for:
a) Stopping Power vs. Average Energy b) Average Energy vs. Thickness
Keep foil thicknesses under 5 microns

software
programming, basic

Finished